



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kitamura et al.

Art Unit

Serial No.: 10/531,973

Examiner:

Filed

: April 28, 2005

Title

: MAST CELL-DERIVED MEMBRANE PROTEINS

## MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached Form PTO-1449. Copies of references AB, AE-AL, AN, and AO are not provided, as they were cited in the International Search Report, and thus should have been provided directly by the WIPO under the exchange program between the USPTO, the EPO, and the JPO. Copies of the International Search Report, a translation of the International Preliminary Examination Report, and a European Search report are enclosed.

Although reference AA is in a language other than English, there is an English abstract on the front page that presumably provides a concise summary of the document's contents.

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Applicant: Kitamura et al. Serial No.: 10/531,973

Filed : April 28, 2005

Page : 2 of 2

Attorney cket No.: 14875-142US1 / C1-A0229Y1P-US

REG. NO 54,112

This statement is being filed before the receipt of a first Office Action on the merits. No fee is believed to be necessary. Apply any required charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 14875-142US1.

Respectfully submitted,

Date: 1/5/06

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14875-142US1	Application No. 10/531,973	
Information Disclosure Statement by Applicant (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Kitamura et al.		
		Filing Date April 28, 2005	Group Art Unit	

Rec'd PCT/PTO 10 JAN 2006

Substitute Disclosure Form (PTO-1449)

Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Transla	ition
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
							English	
	AA	WO 01/66720 A1	09/13/2001	PCT			Abstract	
							Included	<u> </u>

(	Other Documents (include Author, Title, Date, and Place of Publication)			
Examiner Initial	Desig. ID	Document		
·	AB	Billadeau, D.D. et al., "ITAMs versus ITIMs: striking a balance during cell regulation", J. Clin. Invest., 109(2):161-8 (2002)		
	AC	Clark, G.J. et al., "The CMRF-35H gene structure predicts for an independently expressed member of an ITIM/ITAM pair of molecules localized to human chromosome 17", Tissue Antigens, 55(2):101-9 (2000)		
	AD	Clark, G.J. et al., "The gene encoding the immunoregulatory signaling molecule CMRF-35A localized to human chromosome 17 in close proximity to other members of the CMRF-35 family", Tissue Antigens, 57(5):415-23 (2001)		
	AE	Kumagai, H. et al., "Identification and characterization of a new pair of immunoglobulin-like receptors LMIR1 and 2 derived from murine bone marrow-derived mast cells", Biochem. Biophys. Res. Commun., 307(3):719-29 (2003)		
	AF	Lanier, L.L. et al., "The ITAM-bearing transmembrane adaptor DAP12 in lymphoid and myeloid cell function", Immunol. Today, 21(12):611-4 (2000)		
	AG	Luo, K. et al., "DIgR1, a novel membrane receptor of the immunoglobulin gene superfamily, is preferentially expressed by antigen-presenting cells", Biochem. Biophys. Res. Commun., 287(1):35-41 (2001)		
	АН	Malbec, O. et al., "Fc receptor I-associated lyn-dependent phosphorylation of Fc receptor IIB during negative regulation of mast cell activation", J. Immunol., 160(4):1647-58 (1998)		
	AI	Mu, X. et al., "Gene expression in the developing mouse retina by EST sequencing and microarray analysis", Nucleic Acids Res., 29(24):4983-93 (2001)		
	AJ	Samuelsson, A. et al., "Anti-inflammatory activity of IVIG mediated through the inhibitory Fc Receptor", Science, 291(5503):484-6 (2001)		
	AK	Smith, K.G., et al., "Inhibition of the B cell by CD22: A requirement for Lyn", J. Exp. Med., 187(5):807-11 (1998)		
	AL	Tomasello, E. et al., "Association of signal-regulatory proteins with KARAP/DAP-12", Eur. J. Immunol., 30(8):2147-56 (2000)		
	AM	Vely, F. et al., "Commentary: Conservation of structural features reveals the existence of a large family of inhibitory cell surface receptors and noninhibitory/activatory counterparts", J. Immunol., 159(5):2075-7 (1997)		
	AN	Wu, J. et al., "DAP10 and DAP12 Form Distinct, but Functionally Cooperative, Receptor Complexes in Natural Killer Cells", J. Exp. Med., 192(7):1059-68 (2000)		
	AO	Yotsumoto, K. et al., "Paired activating and inhibitory immunoglobulin-like receptors, MAIR-I and MAIR-II, regulate mast cell and macrophage activation", J. Exp. Med., 198(2):223-33 (2003)		
	AP	GenBank Accession No. BG803833, "0242-40 Mouse E14.5 retina lambda ZAP II Library Mus musculus cDNA, mRNA sequence" (2001)		

Examiner Signature	Date Considered			
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with				
next communication to applicant.	0.1.41.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1			

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Other Documents (include Author, Title, Date, and Place of Publication)			
Examiner Initial	Desig. ID	Document	
	AQ	EMBL Accession No. AF251704, "Mus musculus polymeric immunoglobulin receptor 4 precursor (Pigr4) mRNA, complete cds." (2002)	
	AR	EMBL Accession No. AL669969, "Mouse DNA sequence from clone RP23-254J18 on chromosome 11" (2002)	

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